Figure F1-16a. Map of the Bayou d'Inde AOC, showing the reach boundaries and locations of surficial sediment samples that pose low or high risk to fish, based on comparisons of whole-sediment chemistry data to the selected benchmarks (i.e., one or more exceedances of the chronic toxicity thresholds). 2 10 Lower Bayou d'Inde-Lower Bayou d'Inde-**Mainstem Reach Lockport Marsh Reach** 10 Middle Bayou **PPG Canal** d'Inde Reach Upper Bayou d'Inde Reach Calcasieu Shin Channel Lower Bayou d'Inde-Lower Bayou d'Inde-**Lockport Marsh Reach Mainstem Reach** Highway 210 Bridge Legend **High Risk** Low Risk **Reach Boundary Highways Dredged Disposal Facilities Water Courses** 

fish, based on comparisons of whole-sediment chemistry data to the selected benchmarks (i.e., one or more exceedances of the chronic toxicity thresholds). 2 10 Lower Bayou d'Inde-Lower Bayou d'Inde-**Mainstem Reach Lockport Marsh Reach** 10 Middle Bayou **PPG Canal** d'Inde Reach Upper Bayou d'Inde Reach Calcasieu Shin Channel Lower Bayou d'Inde-Lower Bayou d'Inde-Lockport Marsh Reach **Mainstem Reach** Highway 210 Bridge Legend **High Risk** Low Risk **Reach Boundary Highways Dredged Disposal Facilities Water Courses** 4 Kilometers

Figure F1-16b. Map of the Bayou d'Inde AOC, showing the reach boundaries and locations of deeper sediment samples that pose low or high risk to

Figure F1-17. Map of the Bayou d'Inde AOC, showing the reach boundaries and locations of toxic and not toxic samples to the redfish, *Sciaenops ocellatus*, in 24-h or 48-h pore-water toxicity tests (based on the reference envelope approach).

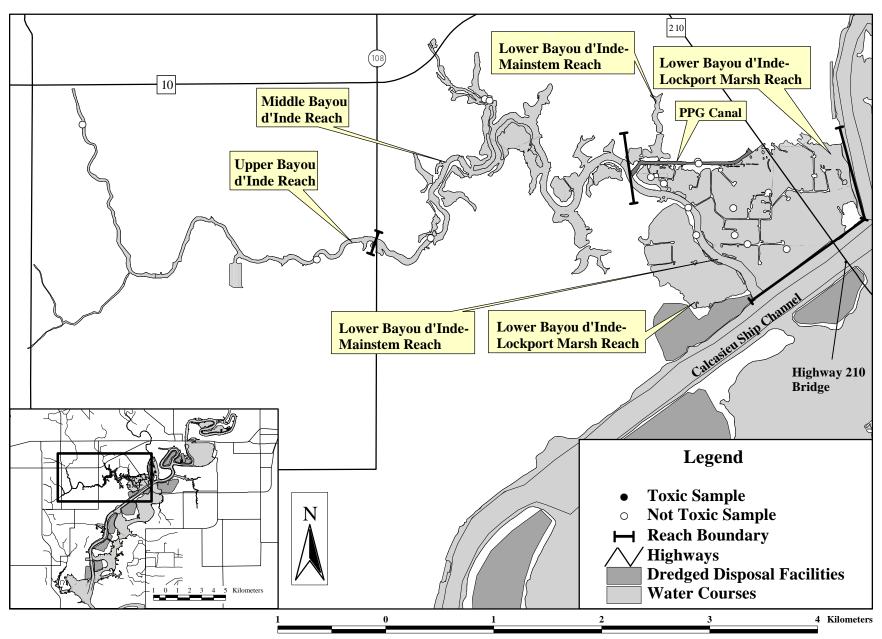


Figure F1-18a. Map of the upper Middle Calcasieu River AOC, showing the reach boundaries and locations of surficial sediment samples that pose low or high risk to fish, based on comparisons of whole-sediment chemistry data to the selected benchmarks (i.e., one or more exceedances of the chronic toxicity thresholds).

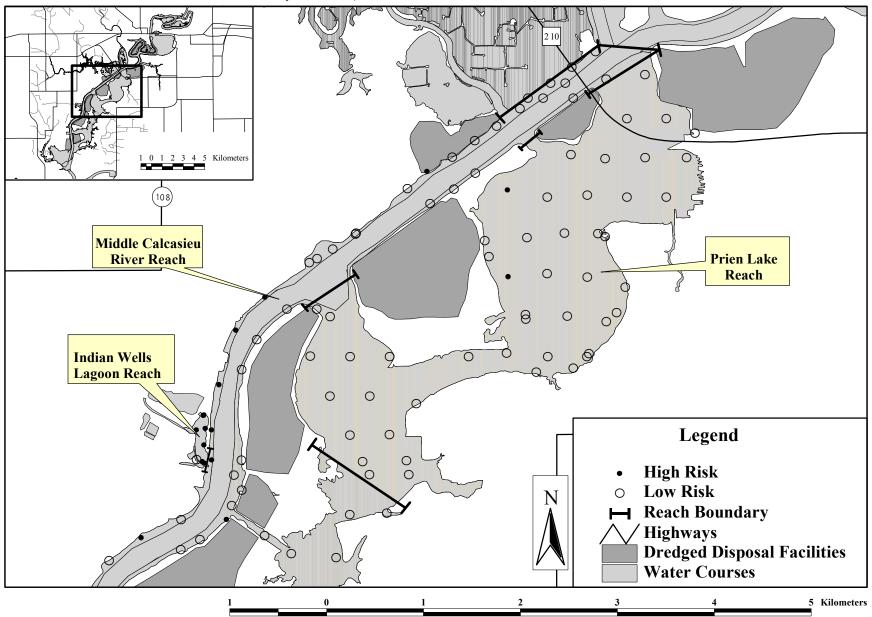


Figure F1-18b. Map of the upper Middle Calcasieu River AOC, showing the reach boundaries and locations of deeper sediment samples that pose low or high risk to fish, based on comparisons of whole-sediment chemistry data to the selected benchmarks (i.e., one or more exceedances of the chronic toxicity thresholds).

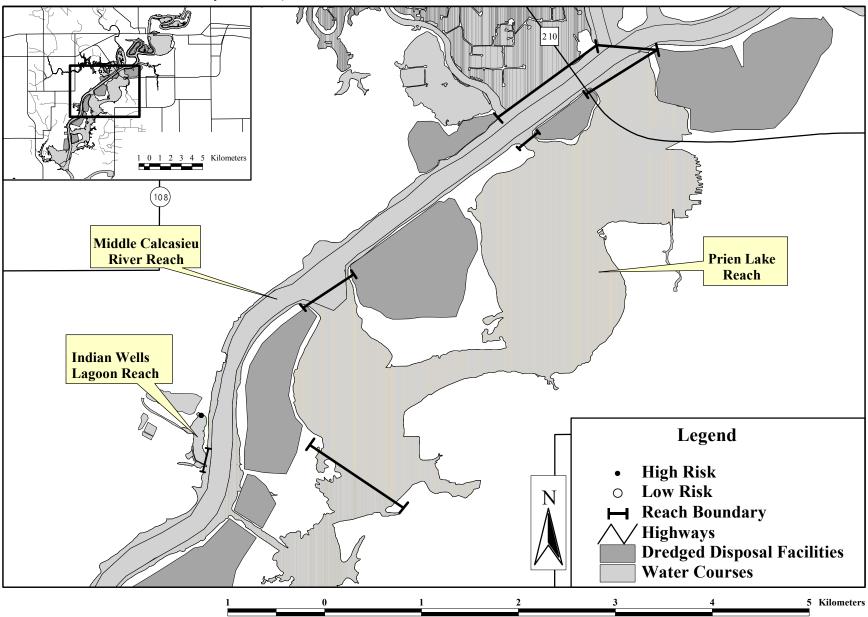


Figure F1-18c. Map of the lower Middle Calcasieu River AOC, showing the reach boundaries and locations of surficial sediment samples that pose low or high risk to fish, based on comparisons of whole-sediment chemistry data to the selected benchmarks (i.e., one or more exceedances of the chronic toxicity thresholds). Calcasieu Ship Channel Middle Calcasieu **River Reach** 1 0 1 2 3 4 5 Kilometers 0 0 0 00 Middle Calcasieu 0 **River Reach Bayou Olsen** Moss Lake Reach Reach Legend **High Risk** Low Risk **Reach Boundary Highways Dredged Disposal Facilities Water Courses** 

Figure F1-19a. Map of the upper Middle Calcasieu River AOC, showing the reach boundaries and locations of toxic and not toxic samples to the redfish, *Sciaenops ocellatus*, in 24-h or 48-h pore-water toxicity tests (based on the reference envelope approach).

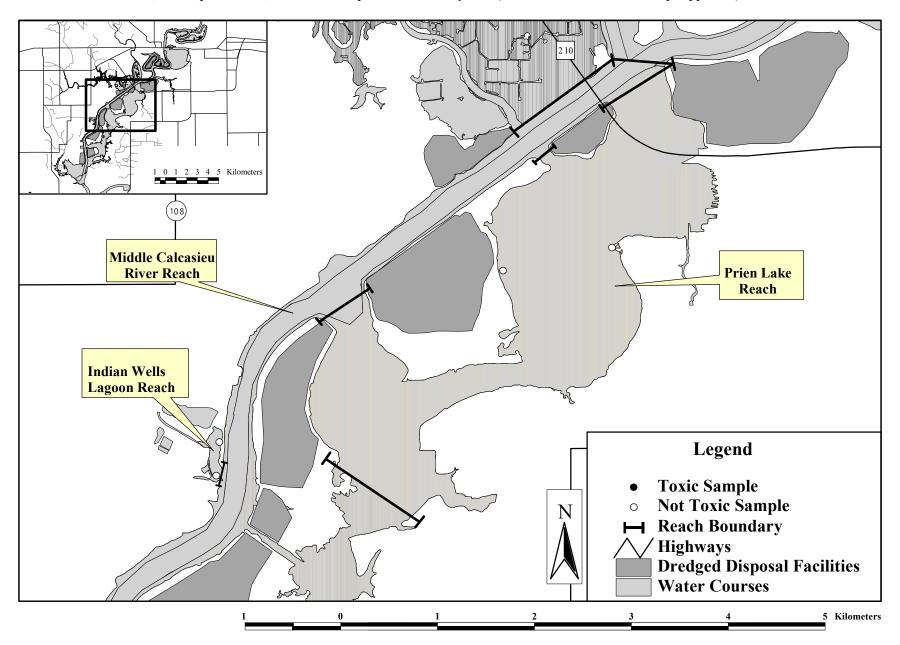


Figure F1-19b. Map of the lower Middle Calcasieu River AOC, showing the reach boundaries and locations of toxic and not toxic samples to the redfish, *Sciaenops ocellatus*, in 24-h or 48-h pore-water toxicity tests (based on the reference envelope approach).

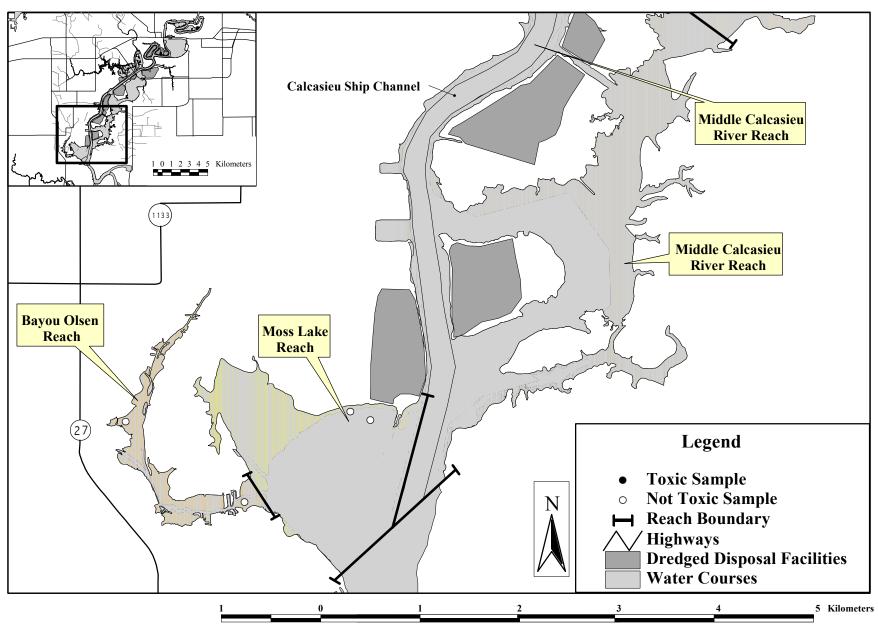


Figure F1-20a. Map of the Upper Calcasieu River AOC, showing the reach boundaries and locations of samples (surface water and surface sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence.

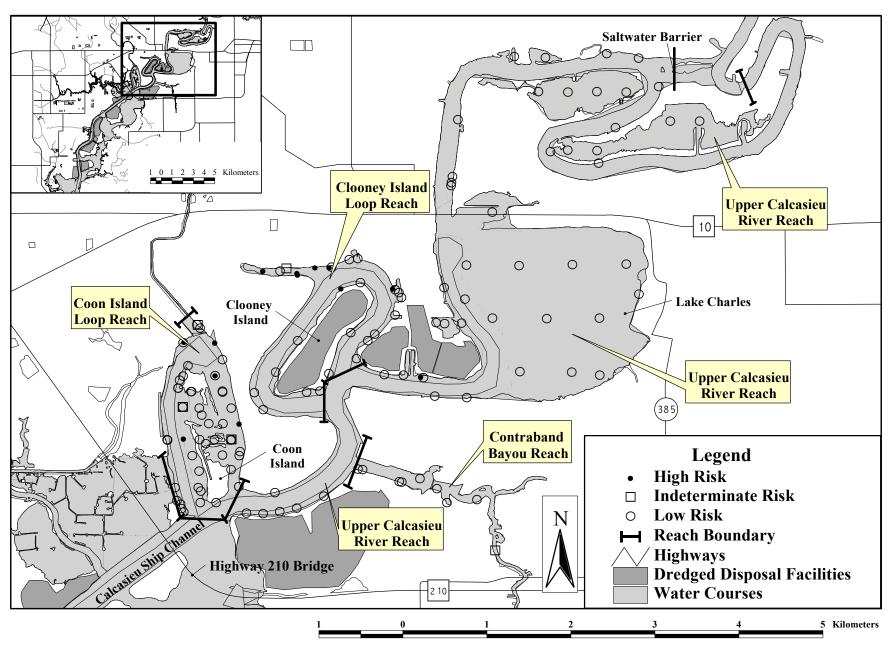


Figure F1-20b. Map of the Upper Calcasieu River AOC, showing the reach boundaries and locations of samples (deeper sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence.

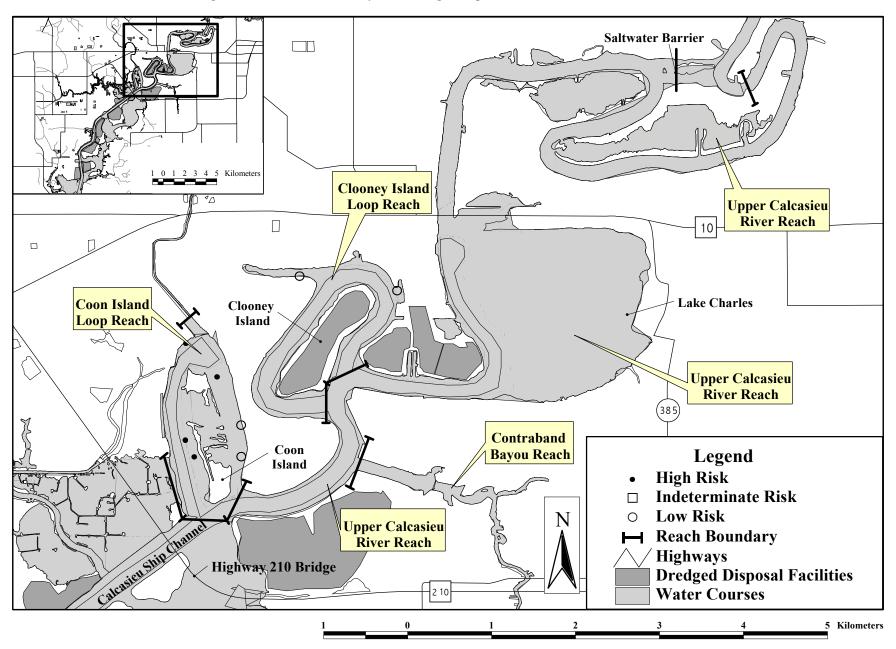


Figure F1-21a. Map of the Bayou d'Inde AOC, showing the reach boundaries and locations of samples (surface water and surface sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence. 2 10 Lower Bayou d'Inde-Lower Bayou d'Inde-**Mainstem Reach Lockport Marsh Reach** 10 Middle Bayou **PPG Canal** d'Inde Reach Upper Bayou d'Inde Reach Catasieu Shin Channel Lower Bayou d'Inde-Lower Bayou d'Inde-**Lockport Marsh Reach Mainstem Reach** Highway 210 Bridge Legend **High Risk Indeterminate Risk** Low Risk **Reach Boundary Highways Dredged Disposal Facilities Water Courses** 

Figure F1-21b. Map of the Bayou d'Inde AOC, showing the reach boundaries and locations of samples (deeper sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence. 2 10 Lower Bayou d'Inde-Lower Bayou d'Inde-**Mainstem Reach Lockport Marsh Reach** 10 Middle Bayou **PPG Canal** d'Inde Reach Upper Bayou d'Inde Reach Calcasieu Shin Channel Lower Bayou d'Inde-Lower Bayou d'Inde-Lockport Marsh Reach Mainstem Reach Highway 210 Bridge Legend **High Risk Indeterminate Risk** Low Risk **Reach Boundary Highways Dredged Disposal Facilities Water Courses** 

Figure F1-22a. Map of the upper Middle Calcasieu River AOC, showing the reach boundaries and locations of samples (surface water and surface sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence.

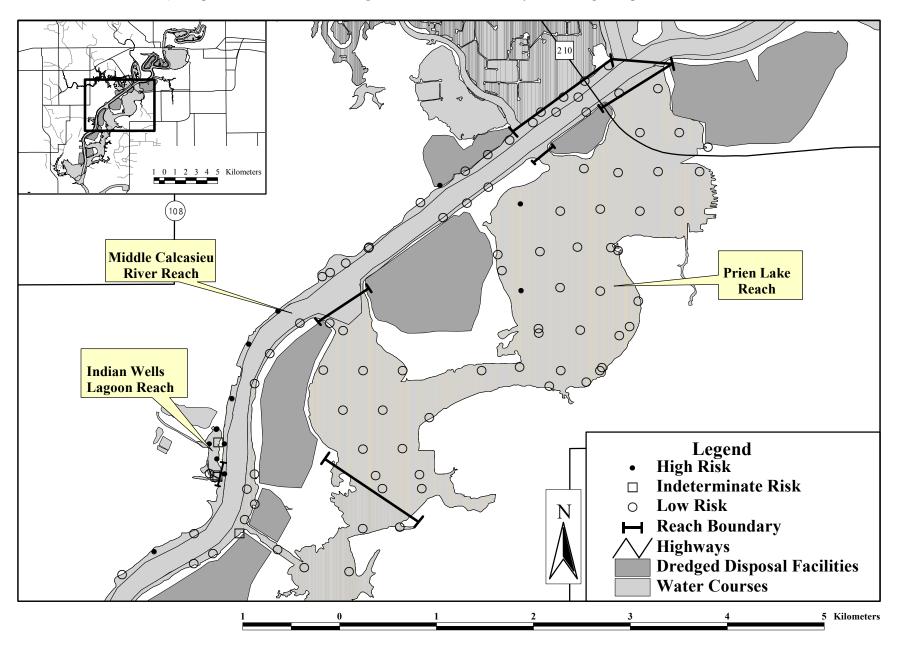


Figure F1-22b. Map of the upper Middle Calcasieu River AOC, showing the reach boundaries and locations of samples (deeper sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence.

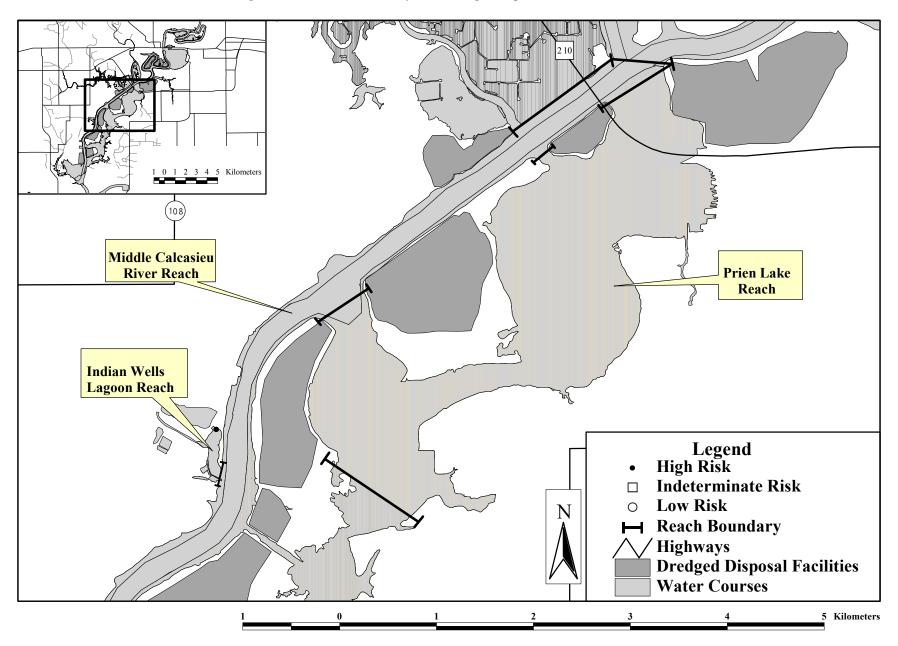


Figure F1-22c. Map of the lower Middle Calcasieu River AOC, showing the reach boundaries and locations of samples (surface water and surface sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence.

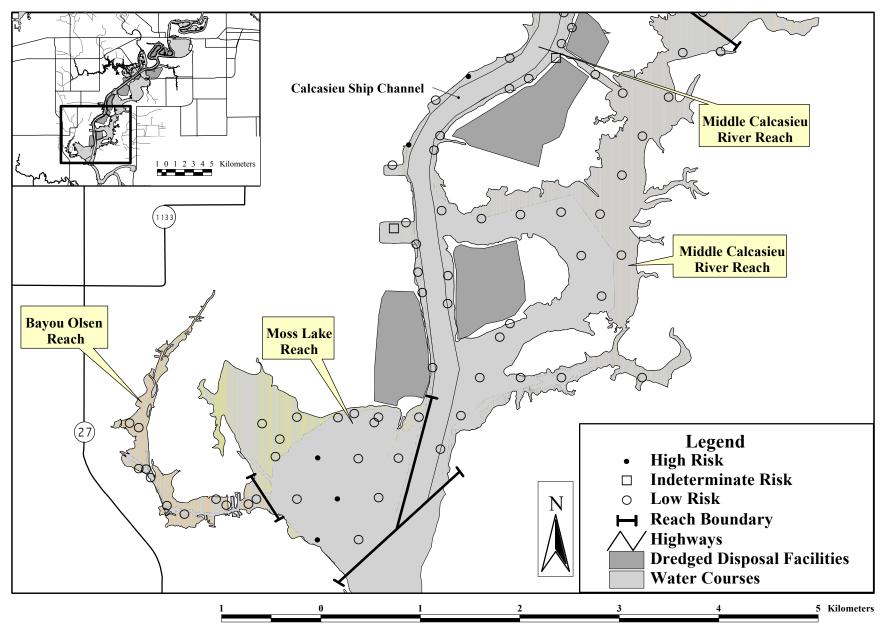


Figure F1-23. Map of the Reference Areas, showing the reach boundaries and locations of samples (surface water and surface sediments) that pose low, indeterminate or high risk to the fish community considering multiple lines of evidence.

